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4/26/02  
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: MÖRI et al.

Atty. Dck. No. 100353-00099

Serial No.: Not yet assigned

Examiner: Unknown

Filed: February 6, 2002

Art Unit: Unknown



For: SEMICONDUCTOR MEMORY DEVICE WITH EFFICIENT AND RELIABLE  
REDUNDANCY PROCESSING

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, D.C. 20231

Date: February 6, 2002

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the information items listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each item is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the items be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date, OR (b) before the mailing date of a first Office Action on the merits in the present application, OR (c) accompanies a Request for Continued Examination. No certification or fee is required.
- ☐ 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).
- ☐ c. A check in the amount of \$180.00 in payment of the fee under 37 CFR §1.17(p). Please charge any fee deficiency or credit any overpayment to Deposit Account No. 01-2300 as needed to ensure consideration of the disclosed information.

- ☐ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. Attached is our check in the amount of \$180.00 in payment of the petition fee under 37 CFR §1.17(i)(1). Please charge any fee deficiency or credit any overpayment to Deposit Account No. 01-2300 as needed to ensure consideration of the disclosed information.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).
- ☒ 4. The relevance of the non-English language references are discussed in the present specification.
- ☒ 5. English-language Abstracts of the non-English language references are attached hereto.

Respectfully submitted,



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INFORMATION DISCLOSURE STATEMENT

UNDER 37 C.F.R. 1.97



The following documents are relevant to the claimed invention.

1. Japanese Patent Laid-open Application No. 1-303699 laid-open on 12/7/1989.

A concise explanation of the relevance of this document is incorporated in the specification. Further, the English abstract is attached hereto.

2. Japanese Patent Laid-open Application No. 6-20494 laid-open on 1/28/1994.

A concise explanation of the relevance of this document is incorporated in the specification. Further, the English abstract is attached hereto.

3. Japanese Patent Laid-open Application No. 64-59700 laid-open on 3/7/1989.

A concise explanation of the relevance of this document is incorporated in the specification. Further, the English abstract is attached hereto.

4. Japanese Patent Laid-open Application No. 6-269299 laid-open on 9/27/1994.

A concise explanation of the relevance of this document is incorporated in the specification. Further, the English abstract is attached hereto.